Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112619\
Data File : VW014130.D
Acq On : 26 Nov 2019 12:57
Operator : SY/VA
Sample : K6007-09RE
Misc : 3.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BL7RE

Manual Integrations APPROVED
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11/27/2019 6:05:19 PM

Quant Time: Nov 27 07:46:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	100232	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	31192	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	3504	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	57689	36.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 144.32%			
7) Chloroethane-d5	2.88	69	61467	47.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 189.64%#			
10) 1,1-Dichloroethene-d2	4.01	63	73027	22.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.00%			
20) 2-Butanone-d5	7.07	46	68232	146.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 293.74%#			
24) Chloroform-d	7.65	84	145015	47.05	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 188.20%#			
26) 1,2-Dichloroethane-d4	8.31	65	58852	37.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 151.92%#			
29) Benzene-d6	8.27	84	236511	106.87	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 427.48%#			
33) 1,2-Dichloropropane-d6	9.27	67	80758	124.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 498.28%#			
37) Toluene-d8	10.32	98	81858	39.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 156.00%#			
38) trans-1,3-Dichloropropene-	10.58	79	6756	24.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.32%			
39) 2-Hexanone-d5	10.92	63	16754	136.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 272.56%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	39357	80.39	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 321.56%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	4653	33.05	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 132.20%#			
Target Compounds						Qvalue
13) Acetone	4.12	43	8370	17.705	ug/L	82
16) Methylene chloride	4.90	84	3217m	1.667	ug/L	
30) Cyclohexane	7.96	56	1331	1.333	ug/L #	79
31) 1,1,1-Trichloroethane	7.87	97	8913	11.402	ug/L	96
36) Methylcyclohexane	9.34	83	3237	2.958	ug/L #	70
44) Toluene	10.38	91	1407	0.564	ug/L	93
54) m,p-Xylene	11.84	106	603	0.567	ug/L #	24

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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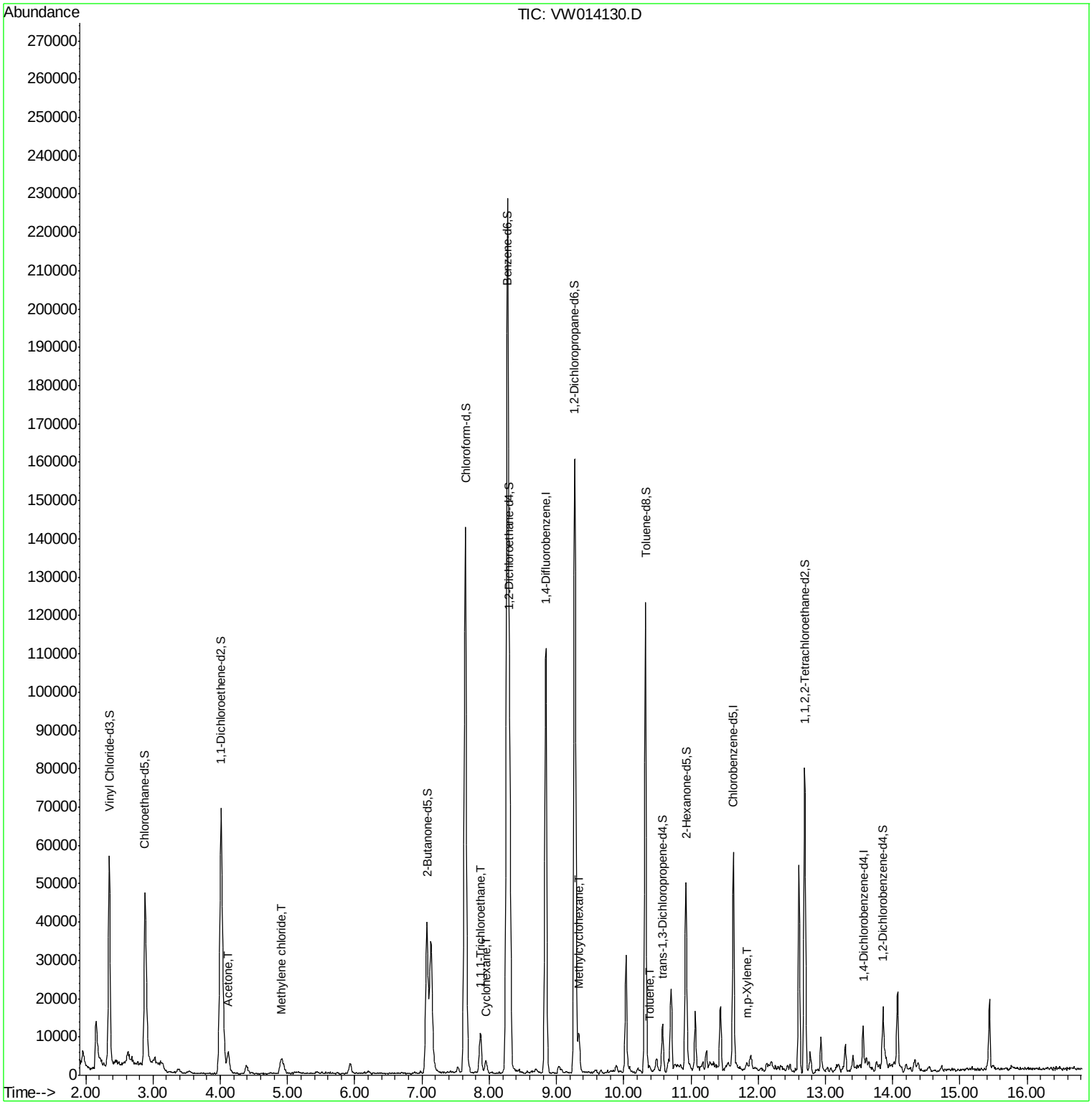

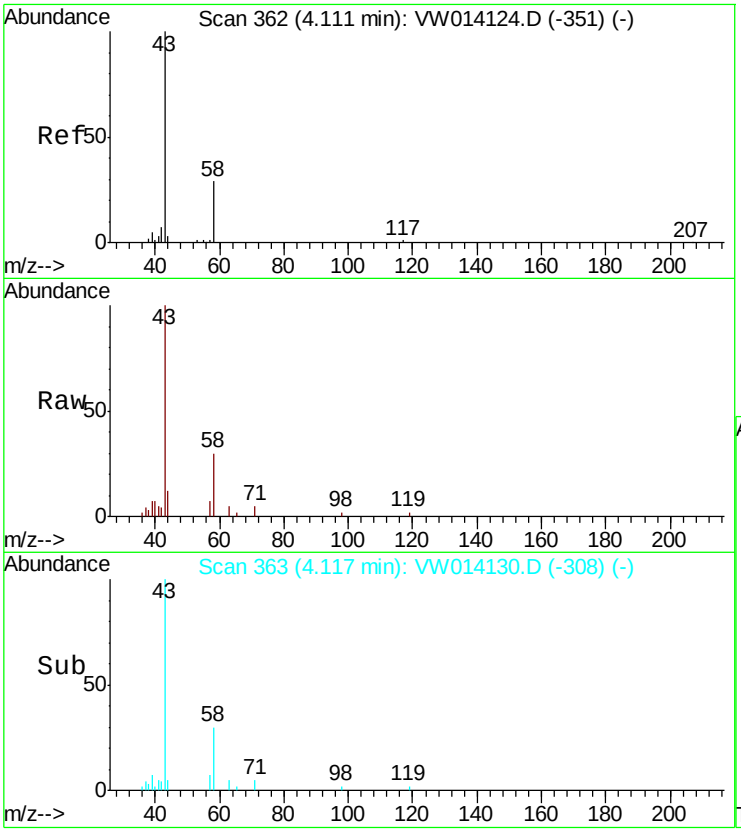

#13
Acetone
Concen: 17.705 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW014130.D
Acq: 26 Nov 2019 12:57

Tgt Ion: 43 Resp: 8370

Ion	Ratio	Lower	Upper
43	100		
58	22.8	0.0	65.4

Instrument :
MSVOA_W
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Manual Integrations APPROVED
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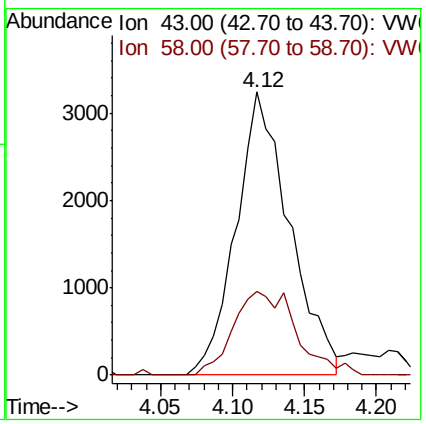
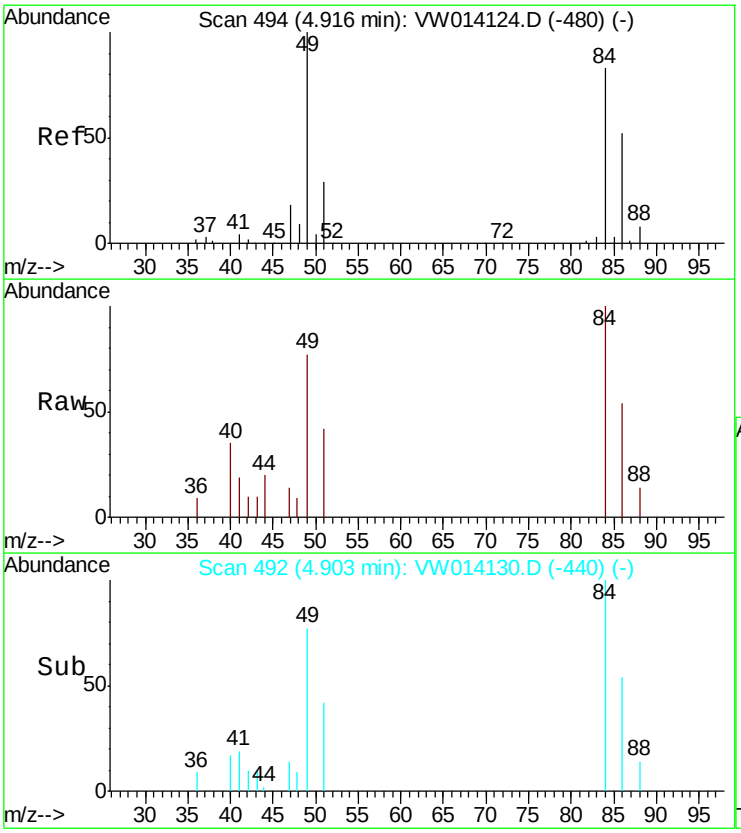
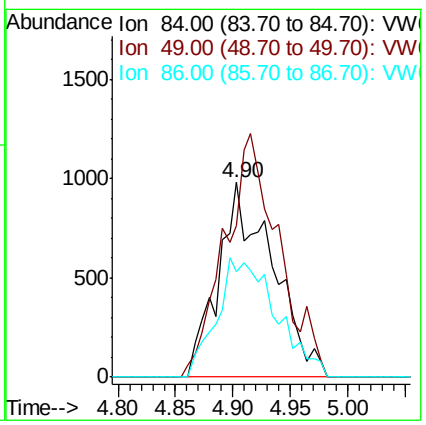


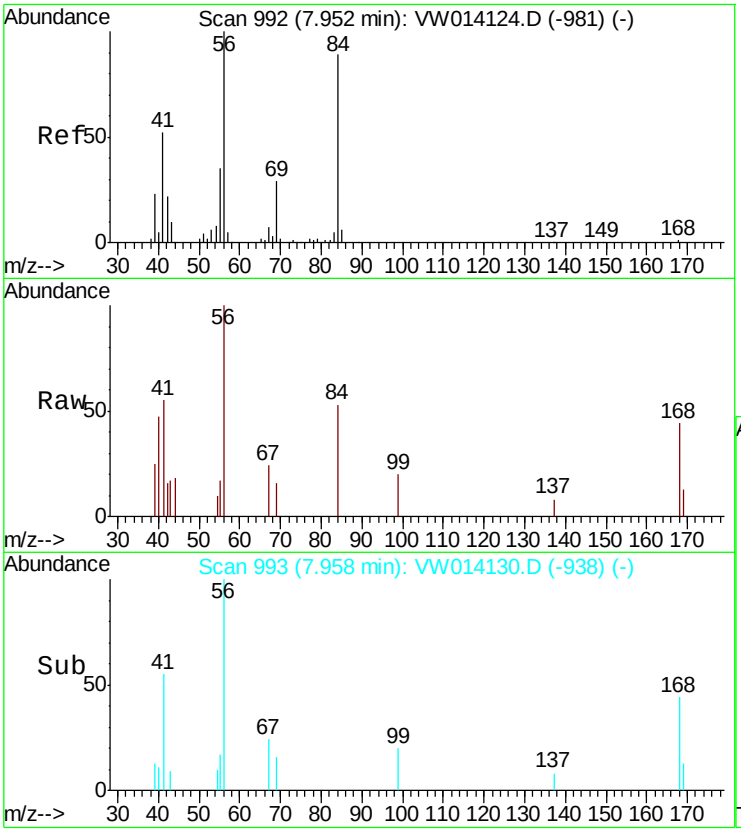


#16
Methylene chloride
Concen: 1.667 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW014130.D
Acq: 26 Nov 2019 12:57

Tgt Ion: 84 Resp: 3217

Ion	Ratio	Lower	Upper
84	100		
49	77.5	84.2	156.4#
86	54.2	43.7	81.1

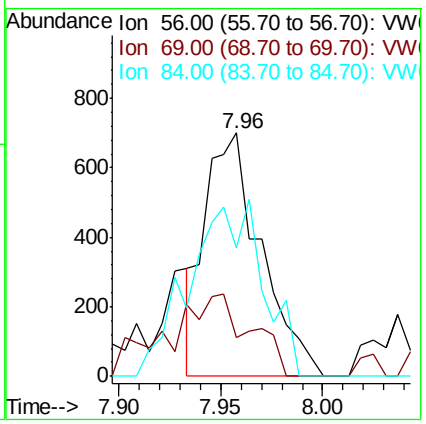




#30
Cyclohexane
Concen: 1.333 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW014130.D
Acq: 26 Nov 2019 12:57

Tgt Ion: 56 Resp: 1331

Ion	Ratio	Lower	Upper
56	100		
69	26.1	24.6	37.0
84	63.9	70.2	105.2#



Instrument :
MSVOA_W
ClientSampleId :
C0BL7RE

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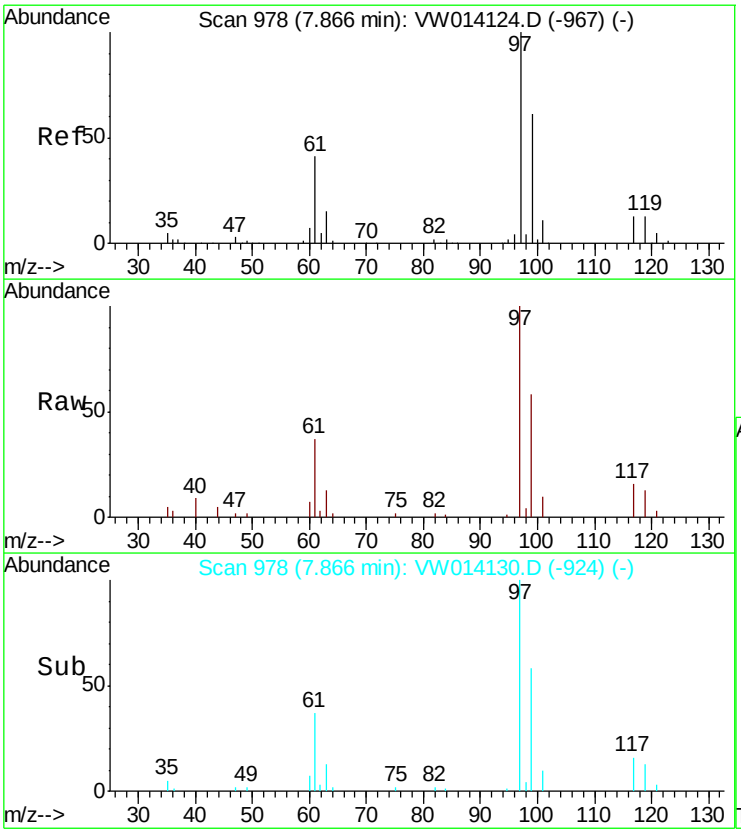
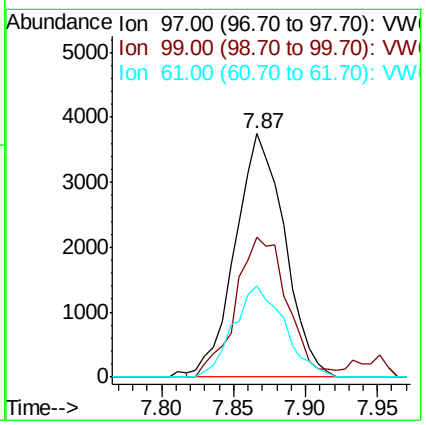
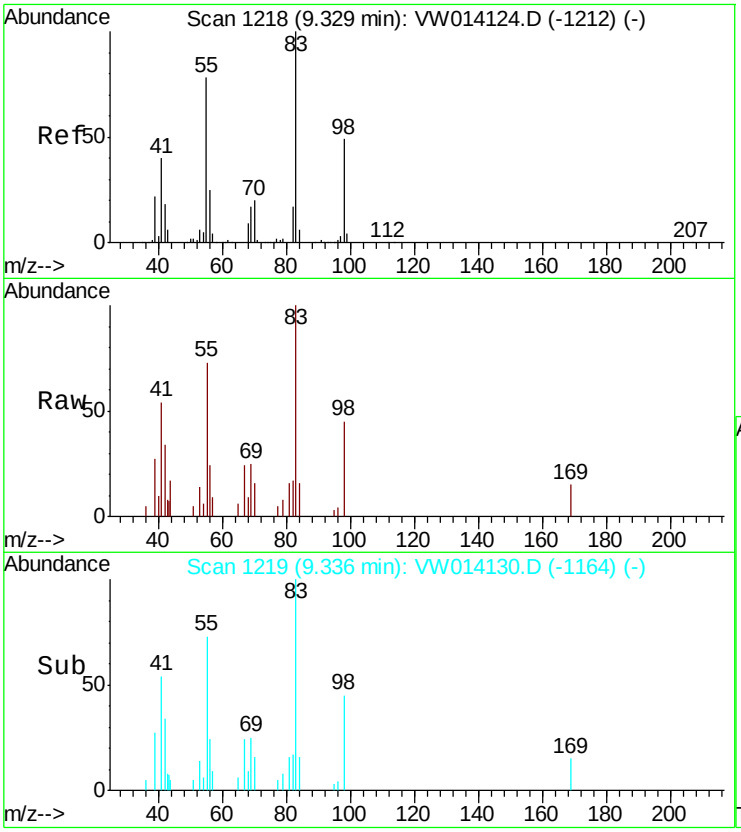


#31
1,1,1-Trichloroethane
Concen: 11.402 ug/L
RT: 7.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: VW014130.D
Acq: 26 Nov 2019 12:57

Tgt Ion: 97 Resp: 8913

Ion	Ratio	Lower	Upper
97	100		
99	60.4	51.1	76.7
61	38.6	32.8	49.2





#36
Methylcyclohexane
Concen: 2.958 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW014130.D
Acq: 26 Nov 2019 12:57

Tgt Ion: 83 Resp: 3237

Ion	Ratio	Lower	Upper
83	100		
55	105.8	59.8	89.8#
98	36.3	39.5	59.3#

Instrument :
MSVOA_W
ClientSampleId :
C0BL7RE

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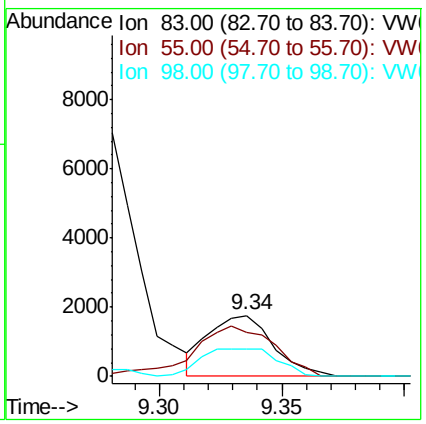
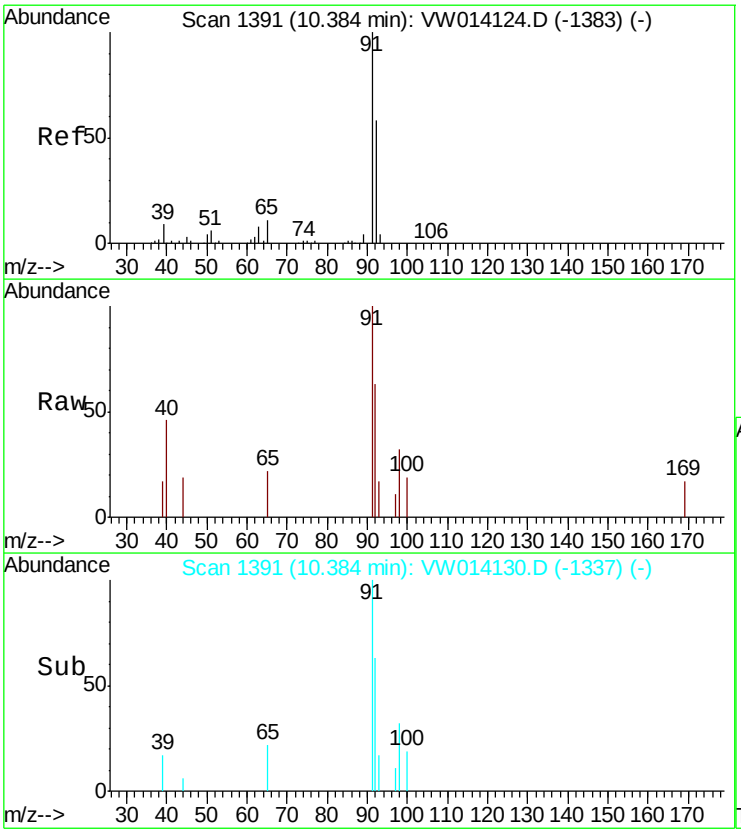
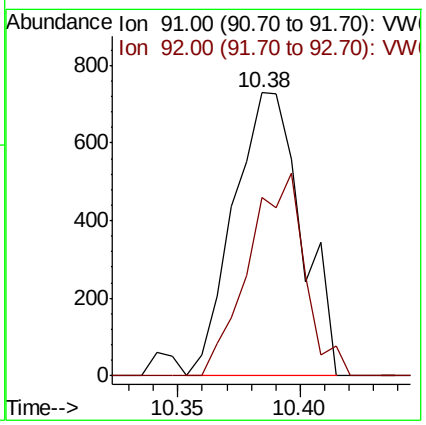


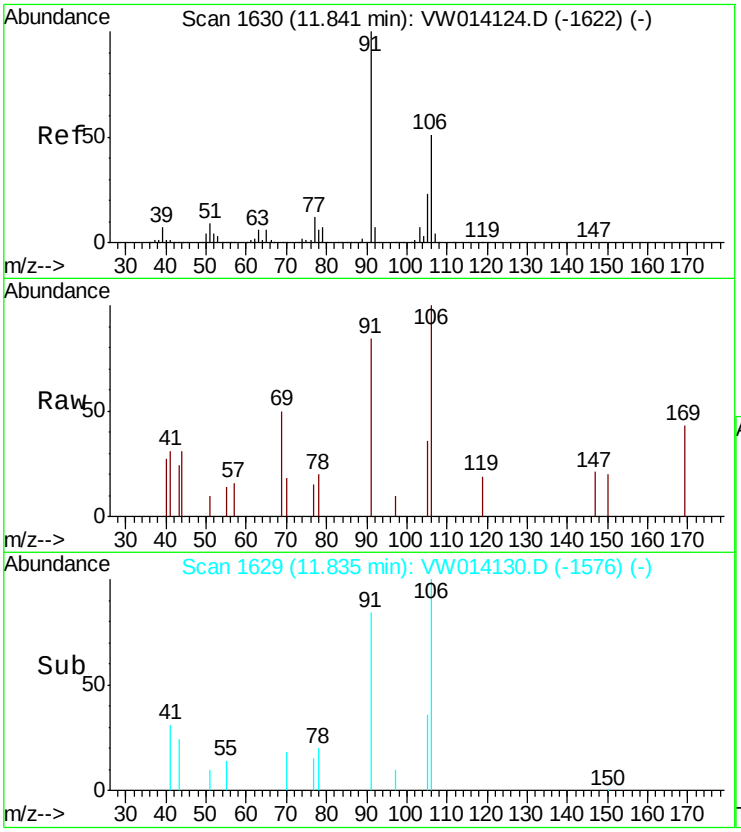


#44
Toluene
Concen: 0.564 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014130.D
Acq: 26 Nov 2019 12:57

Tgt Ion: 91 Resp: 1407

Ion	Ratio	Lower	Upper
91	100		
92	63.1	40.7	75.7

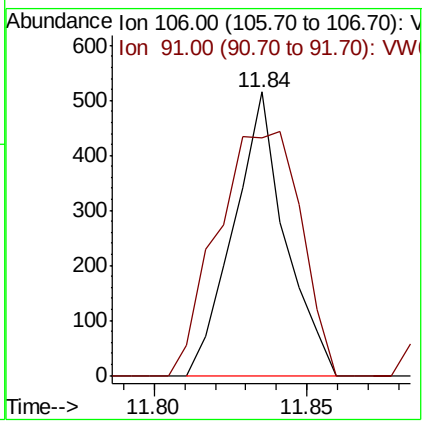




#54
m,p-Xylene
Concen: 0.567 ug/L
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW014130.D
Acq: 26 Nov 2019 12:57

Tgt Ion:106 Resp: 603

Ion	Ratio	Lower	Upper
106	100		
91	84.1	138.7	257.5#



Instrument :
MSVOA_W
ClientSampleId :
C0BL7RE

Manual Integrations APPROVED
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11/27/2019 6:05:19 PM